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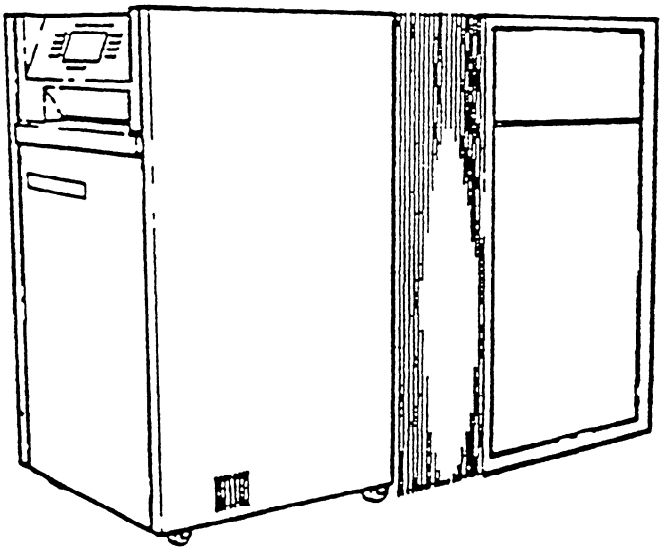
Supplement

to

INSTALLATION INSTRUCTIONS Kodak Multiloader Model 700

for the

PROCESSOR MODEL M6B READY KIT, Cat.No. 7094865



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PLEASE NOTE

CAUTION

This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Partslist

Part No.	Description	Quantity
9197008	INTERFACE KIT includes:	
9197064	HARNESS ASSEMBLY	1
9197083	HARNESS ASSEMBLY	1
9197123	CABLE ASSEMBLY, ML 700-PROCESSOR	1
9197014	PRINTED CIRCUIT BOARD, complete	1
4527521	GROMMET	1
6081850	CABLE TIES	12
9197191	LABEL "READY SIGNAL"	1
9189281	STAND OFF	3
4852971	NUT, PLASTIC	3
4278842	SCREW M 4x6	3
5554504	CABLE TIE	1

Installation

1 Use WALL SWITCH to turn off PROCESSOR. Also turn off ML 700.

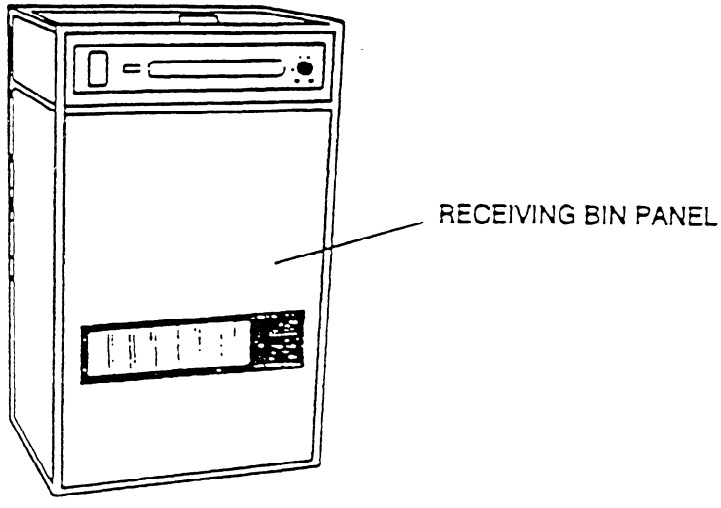

figure 1

2 Remove the RECEIVING BIN PANEL shown in fig. 1.

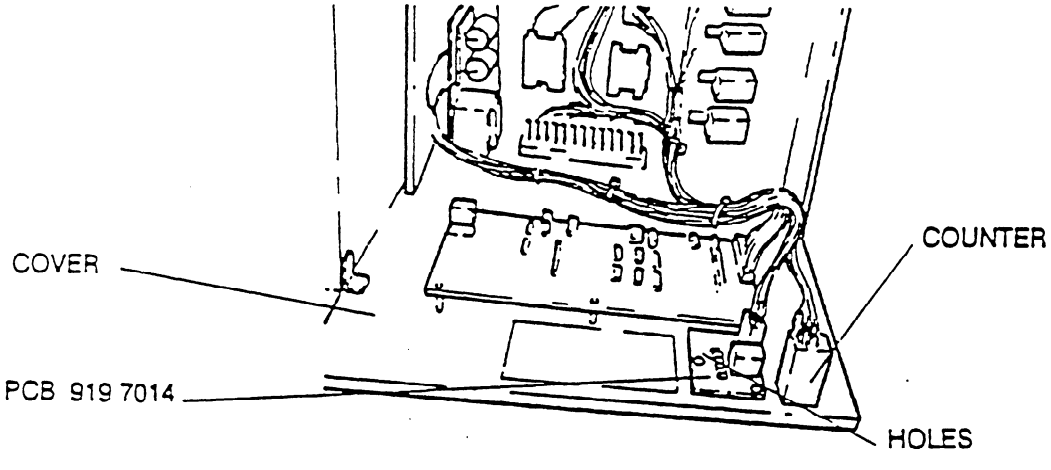

figure 2

3 Open the COVER of the ELECTRICAL BOX, shown in fig. 2.

4 Place PCB 9197014 on the COVER, close to the COUNTER, as shown in fig. 2. Mark holes on COVER.

5 Remove the PCB, drill 3 holes 4.5 mm in diameter into the COVER.

6 Use 3x5 STANDOFF 9189281, 3 x PLASTIC NUT 4852971 and 3 x ALLEN SCREW 4278842, to fasten the PCB 9197014 to the COVER (see fig. 3). Connect PLUG of HARNESS Assy 9197064 to RECEPTACLE of the PCB.

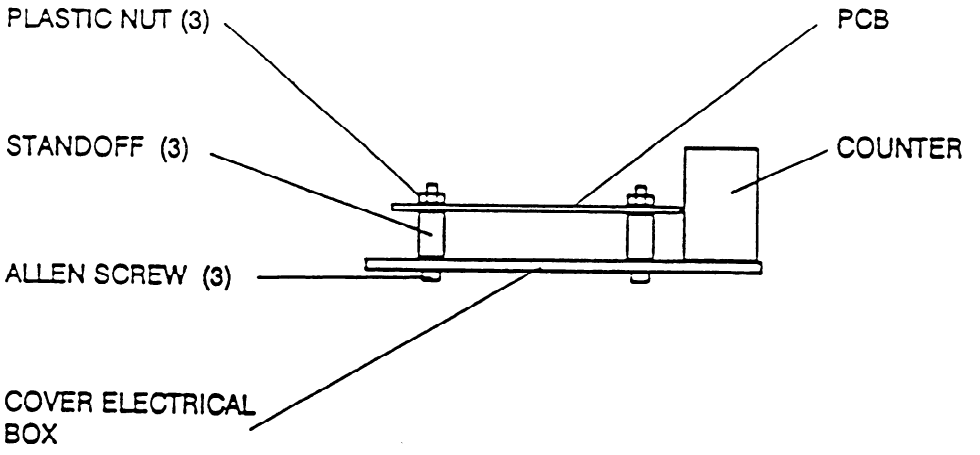

figure 3

7 Connect the 5 WIRES of the HARNESS ASSY as follows:

1. Red WIRE to terminal 7, +12V on the POWER SUPPLY (see fig. 4, 5).

2. Black WIRE to terminal 8, -12V on the POWER SUPPLY (see fig. 4,5).

3. Blue WIRE to terminal 4 of the SOLID STATE RELAY U2 (see fig. 4).

4. Push the FEMALE PINS of the 2 brown WIRES into the empty holes of the RECEPTACLE J25 (see fig. 4).

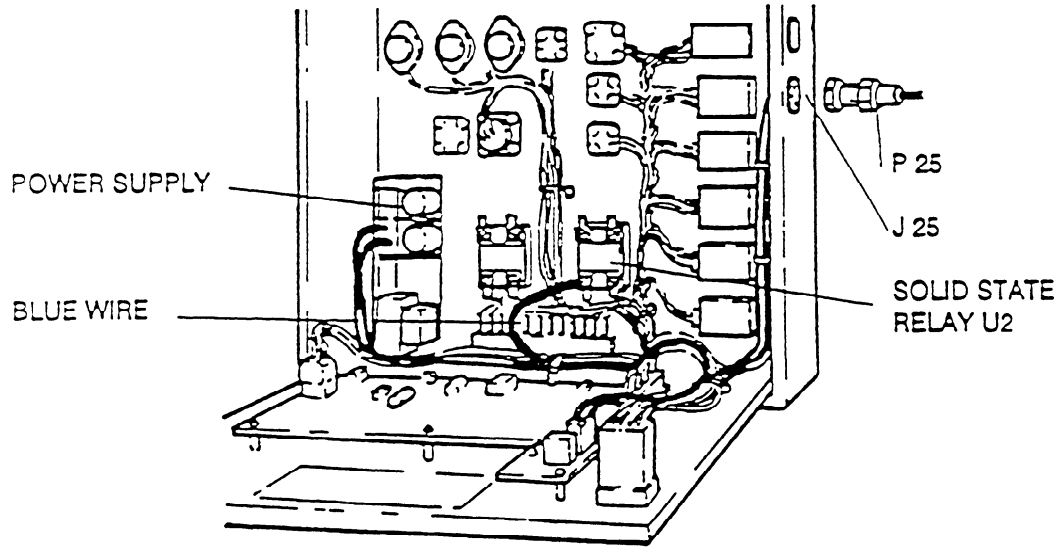

figure 4

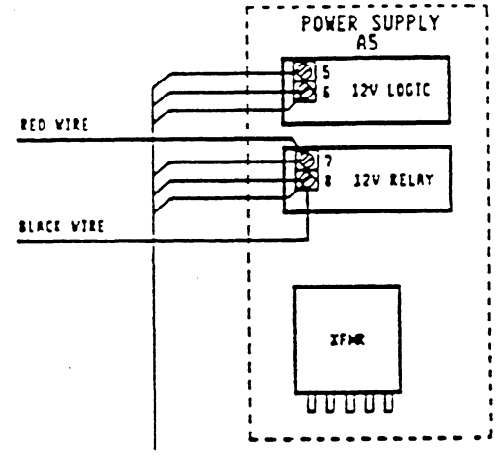

figure 5

8 Fasten HARNESS ASSY 9197064 to existing HARNESS as shown in fig. 6.

Use CABLE TIES 6081850.

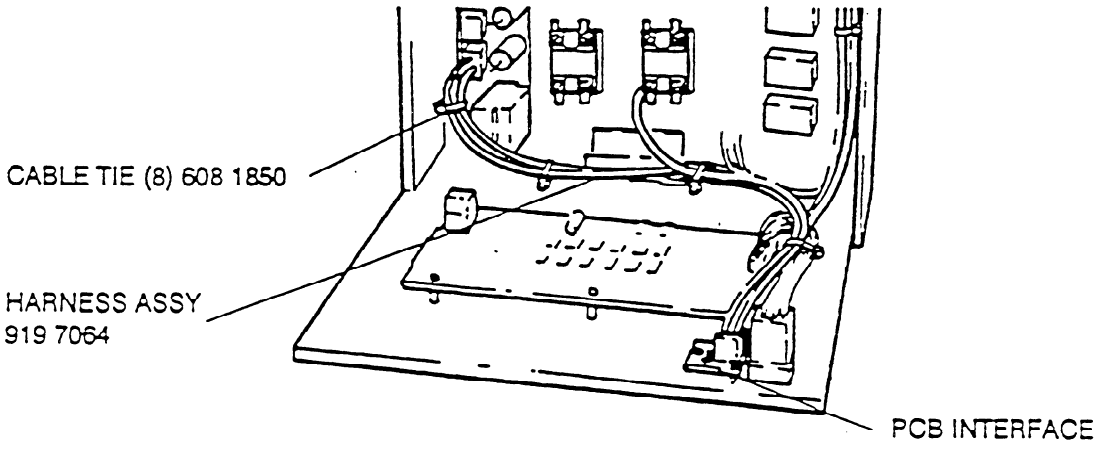

figure 6

9 Mark a hole on the CONTROL PANEL ASSY as shown in fig. 7.

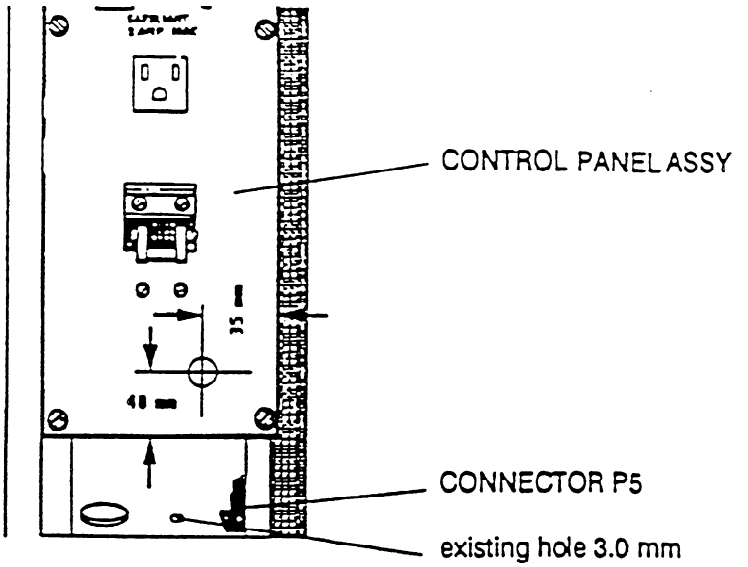

figure 7

10 Drill hole 13 mm in diameter.

11 Remove the CONTROL PANEL ASSY.

12 Enlarge existing 3 mm hole to 10 mm (see fig. 7). Install GROMMET 4527521.

13 Mount INTERFACE JACK which is part of the HARNESS ASSEMBLY 9197083 into hole of CONTROL PANEL ASSY.

14 Push HARNESS 9197083 through GROMMET installed in step 12. Use CABLE TIES 555 4504 as shown in fig. 8 (lefthand side of PROCESSOR). Reinstall CONTROL PANEL ASSY.

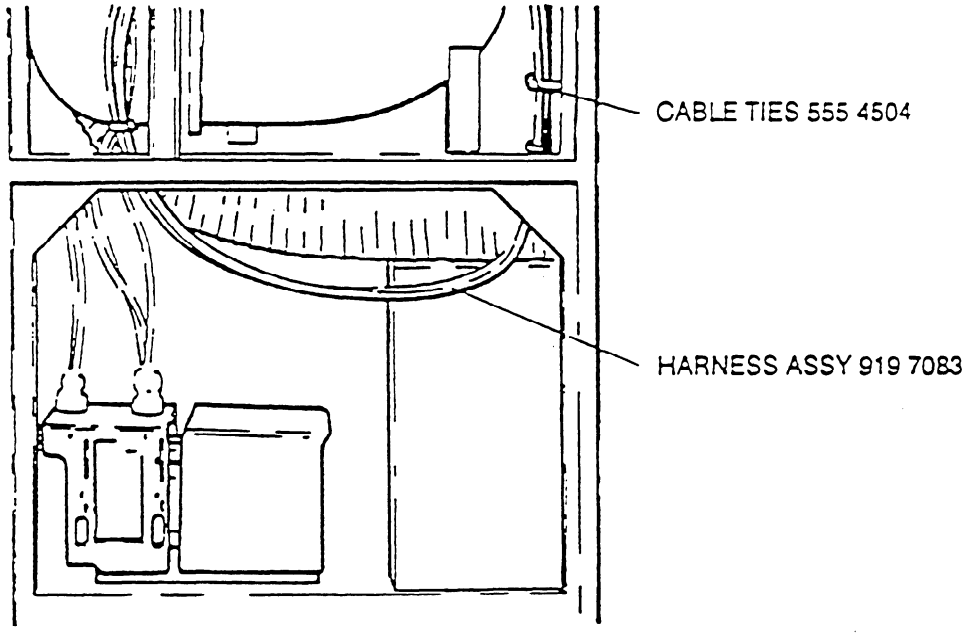

figure 8

15 Unplug and open PLUG P25. Push the 2 PINS of HARNESS ASSY 9197083 into empty holes of PLUG P25. Reassemble PLUG. Reconnect PLUG (see fig. 9).

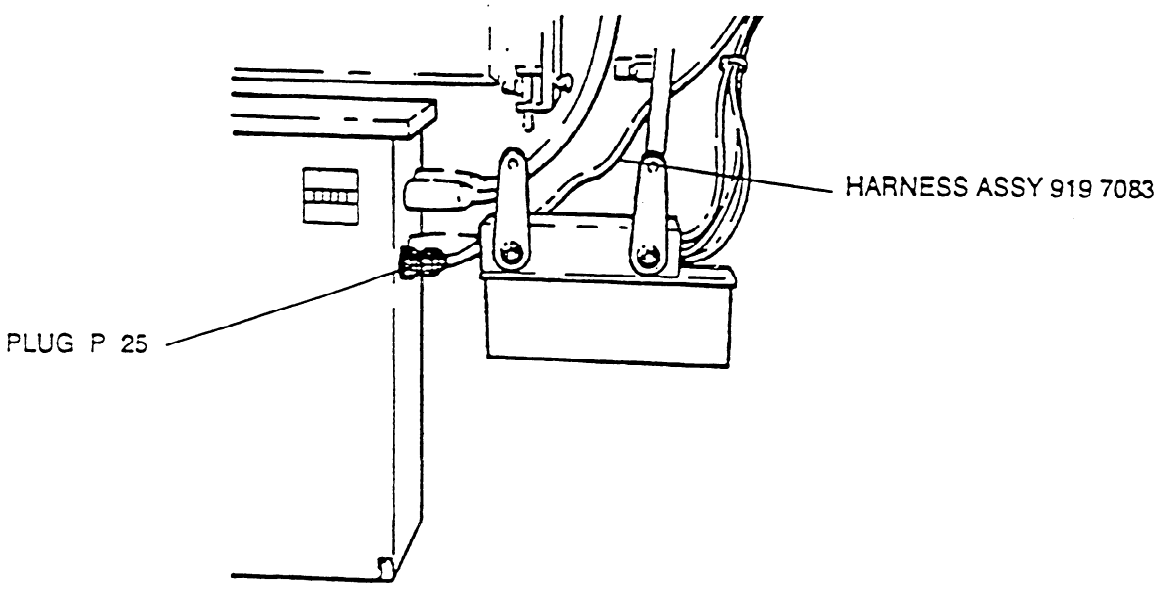

figure 9

16 Install LABEL "READY-SIGNAL" 919 7191 under INTERFACE JACK as shown in fig. 10.

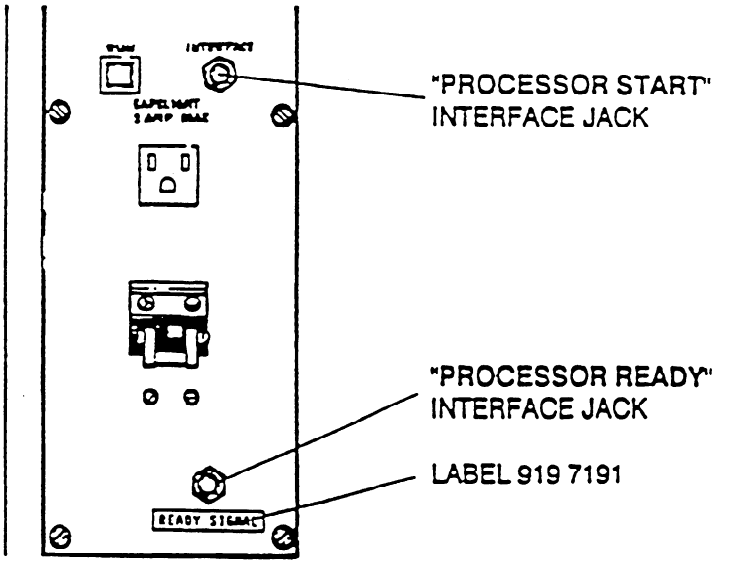

figure 10

17 Reinstall all PROCESSOR COVERS.

CAUTION

Make sure ML 700 and PROCESSOR are both switched off before CABLES are plugged in. Damage might result to the A0 PCB in ML 700 if the PHONE PLUGS are connected while the power is on.

18 Connect CABLE ASSY 9197123 (ML 700 - M6B) to INTERFACE JACK "PROCESSOR READY" (see fig. 10). Connect other end (AMP PLUG) to ME-3 CONNECTOR on ML 700 (see fig. 11).

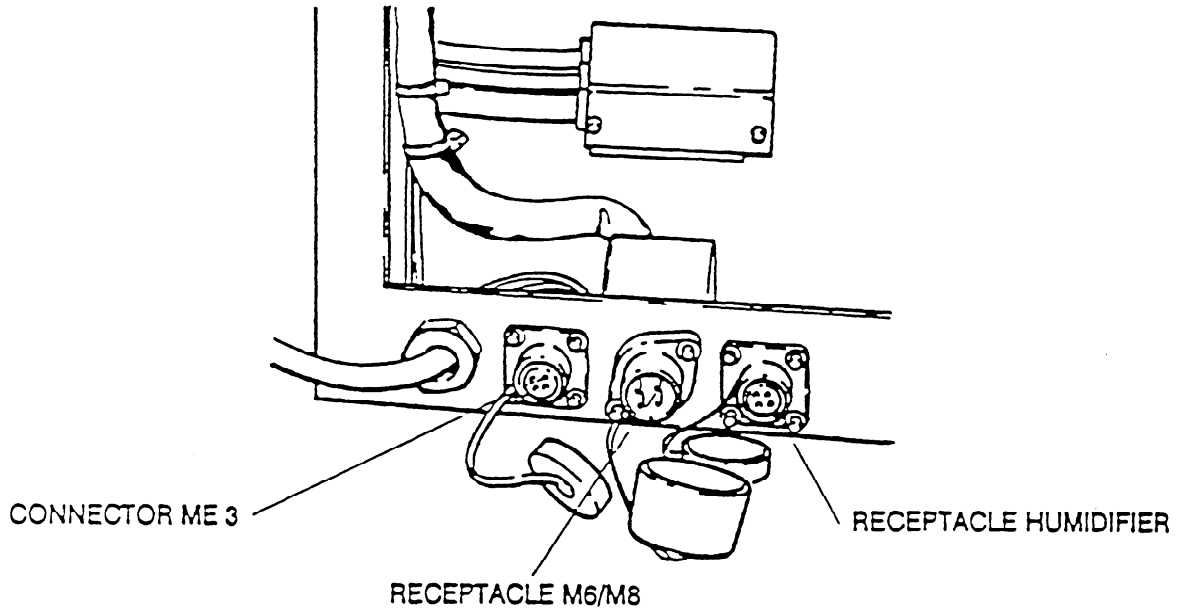

figure 11

19 Connect original INTERFACE CABLE (packed with TUNNEL) to INTERFACE JACK "PROCESSOR START" (see fig. 10) connect other end (AMP PLUG) to M6/M8 CONNECTOR on ML 700 (see fig. 11).

20 Turn on ML 700 and M6B. Go into service Mode. DISPLAY will be as shown in fig. 12, also see INSTALLATION INSTRUCTIONS, page 68.

21 Press KEY 2 for parameters.

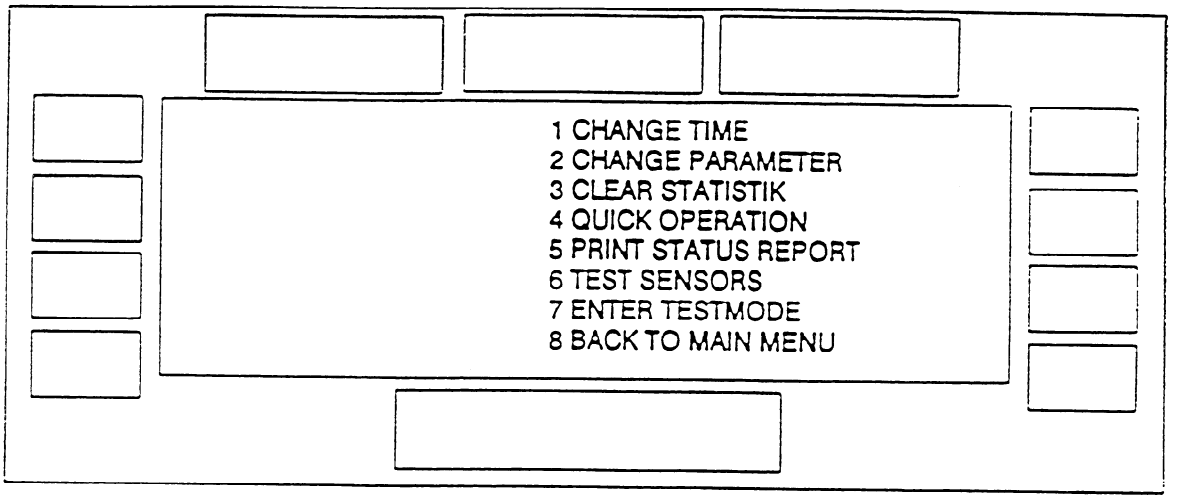

figure 12

22 Press KEY 8 to get DISPLAY as shown in fig. 13.

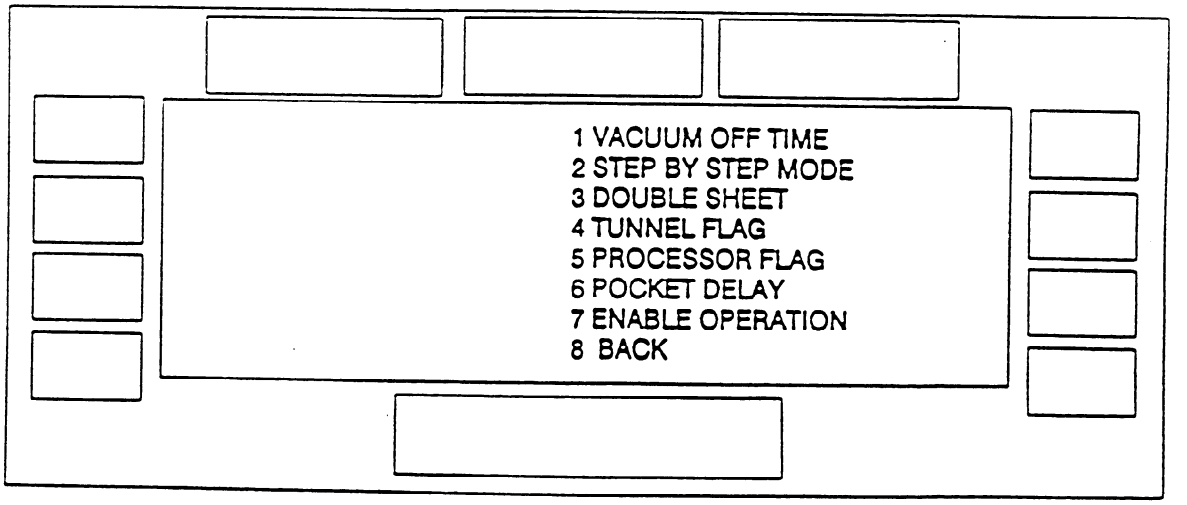

figure 13

23 Press KEY 5 for PROCESSOR FLAG.

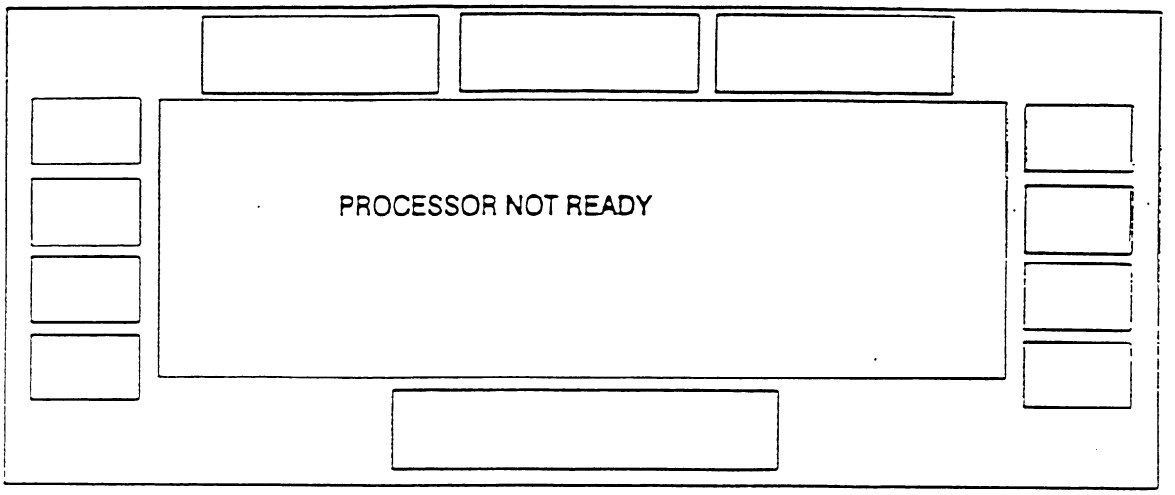

figure 14

NOTE

Set PROCESSOR FLAG to 1 if ML 700 should not accept a CASSETTE in case the PROCESSOR is not at operating temperature. DISPLAY shows PROCESSOR NOT READY see fig. 14.

Set PROCESSOR FLAG to 2 if ML 700 should accept a CASSETTE in case PROCESSOR is not at operating temperature. DISPLAY shows PROCESSOR NOT READY (see fig. 14).

CAUTION

The PROCESSOR READY KIT does not monitor the DRIVE of the PROCESSOR. Make sure the TOP COVER is placed on the PROCESSOR.

Circuit Description

If the PROCESSOR is powered up, pin 2 of OPTOCOUPLER U1 will be LOW. This LOW will turn on U1. The base of TRANSISTOR Q1 will be near ground. Q1 is turned off. RELAY K1 will not be energized. ML 700 DISPLAY: "PROCESSOR NOT READY". After approximately 15 minutes, the operating temperature of the PROCESSOR is reached. Pin 2 of U1 will go HIGH and U1 will be off. The base of Q1 goes HIGH turning on Q1. RELAY K1 is energized. K1-1 is closed. K1-2 is closed, acting as selfhold for K 1.

ML 700 DISPLAY: Main Menu. If the PROCESSOR is turned on it will take approx. 650 milliseconds before pin 2 of OPTOCOUPLER U1 goes LOW. For 650 ms Pin 2 of U1 will be HIGH and U1 will be off. To prevent TRANSISTOR Q1 from being turned on and energizing RELAY K1, the base of Q2 is kept HIGH for 650 ms via the charging of CAPACITOR C1. Q2 is on, keeping the base of Q1 near ground. Q1 is off, K1 will not be energized. This will prevent K1-1 from being closed. This in turn will prevent the ML 700 from displaying the Main Menu.

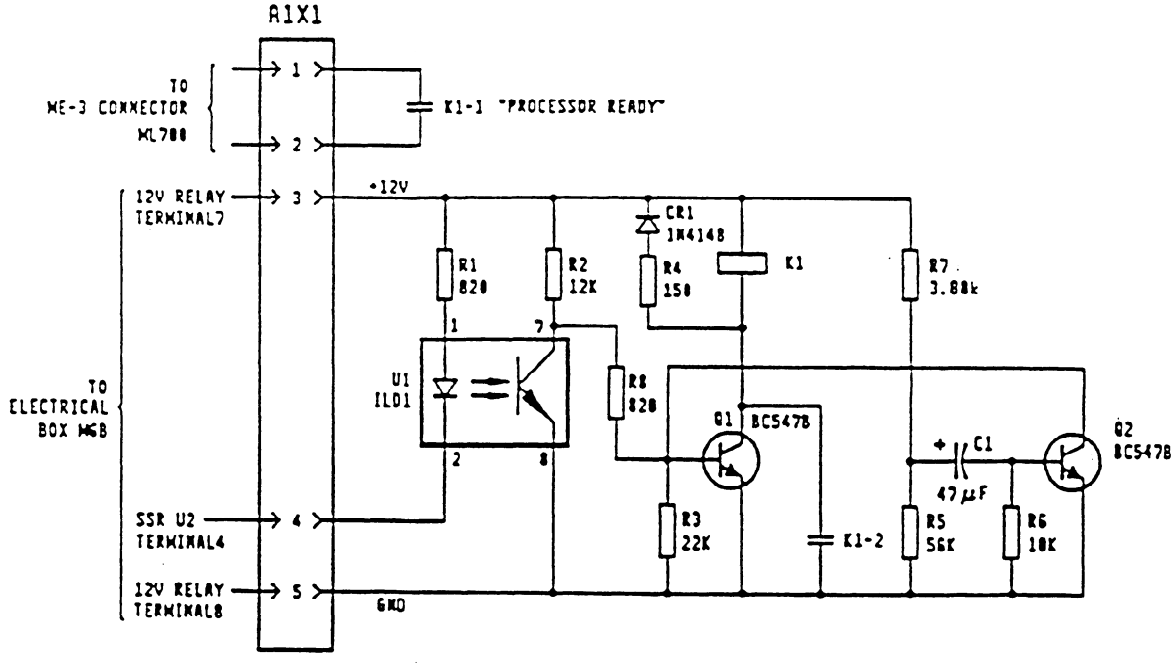

figure 15